

TITLE : MELAMINE DINNERWARE

FIELD OF THE INVENTION

This invention relates to melamine dinnerware, particularly to one consisting of an outer body made of powder melamine resin molding compound with high temperature and high pressure by means of injecting molding process and an
5 inner body made of stainless steel, then the outer body and the inner body is assembled together tightly to make a piece of melamine dinnerware.

BACKGROUND OF THE INVENTION

Conventional melamine dinnerware shown in Fig. 1 is
10 made of melamine resin formed with high temperature and high pressure by an injecting molding machine, having only one layer.

The conventional melamine dinnerware has high-temperature-enduring characteristic, but its also has a
15 comparatively larger capillary holes than that made of metal, and its surface may be liable to be attached with micro dirty matters, and the dirt may become quite hard to be cleaned off after a period of time, resulting to a harassment to users.

SUMMARY OF THE INVENTION

20 This invention has been devised to offer melamine dinnerware made of two different materials to make it not easily become dirty, and durable for a long period of time.

The invention has the following features.

1. It has an outer body made of melamine resin and an
25 inner body made of stainless steel, having a comparative better

visional appearance and easy to wash and clean and not easily become dirty.

2. The inner body is made of stainless steel first and then combined in the outer body, easy to make this melamine
5 dinnerware.

BRIEF DESCRIPTION OF DRAWINGS

This invention will be better understood by referring to the accompanying drawings, wherein:

Figure 1 is a cross-sectional view of a piece of
10 conventional melamine dinnerware;

Figure 2 is an exploded perspective view of a piece of melamine dinnerware in the present invention;

Figure 3 is a partial cross-sectional view of the piece of melamine dinnerware in the present invention;

15 Figure 4 is an upper view of the piece of melamine dinnerware in the present invention;

Figure 5 is a cross-sectional view of the line A – A in Fig.
4;

20 Figure 6 is a magnified cross-sectional view of the part marked C in Fig. 5; and,

Figure 7 is a perspective view of the piece of melamine dinnerware in the present invention.

DETAILED DESCRIPTION OF THE INVENTION

A preferred embodiment of a piece of melamine
25 dinnerware in the present invention, as shown in Figs. 2 and 3,

includes an outer body 1 and an inner body 2 combined together.

5 The outer body 1 is made of melamine resin molding compound in powder condition with high temperature and high pressure by means of injecting molding process, having a bottom 10, a circumferential wall 11 extending upward and gradually outward, and an upper annular edge 12 with its curved outer face 120.

10 The inner body 2 is made of stainless steel, having a bottom 20 to correspond to the bottom 10 of the outer body 1, and a circumferential wall 21 to correspond to the circumferential wall 11 of the outer wall 1, and an upper flange 22 with a little straight end 220 as shown in Fig. 2 and 3, before the inner body 2 is combined with the outer body 1.

15 Then the inner body 2 is to be combined together by placing it in the outer body 1 with the upper flange 22 resting on the upper annular edge 12 of the outer body 11. After that, the little straight end 220 is bent to surround tightly the upper annular edge 12 with the cured outer face 120, finishing
20 assembling the outer body 1 with the inner body securely, keeping the inner body 2 from separating from the outer body 1.

Further, the outer body 1 made of melamine resin can be formed with some design on its outer surface to embellish the appearance to look attractive for would-be buyers, with the
25 inner body 2 made of stainless steel easy to wash and not easily

attached with micro dirty matters

While the preferred embodiment of the invention has been described above, it will be recognized and understood that various modifications may be made therein and the appended
5 claims are intended to cover all such modifications that may fall within the spirit and scope of the invention.

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